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Node, Method and Computer Readable Medium for Inserting
an Intrusion Prevention System into a Network Stack

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FIG. 1

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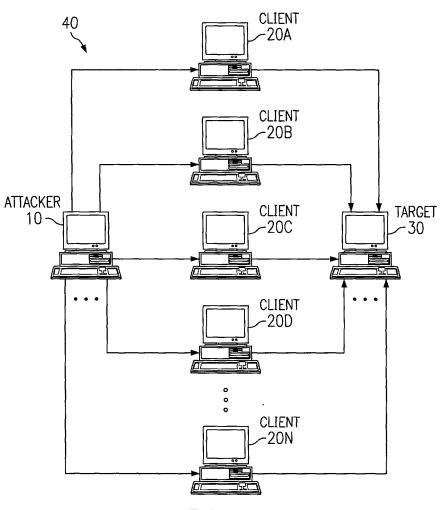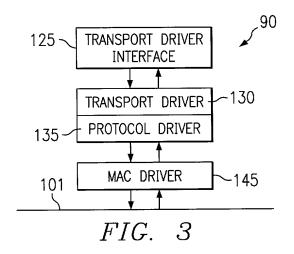*FIG. 2*

INTERNET ~50

45

100

41 80 NETWORK IDS — 80A

55

60

FIREWALL/ PROXY

WEB SERVER — 270A

FTP SERVER

270B

NETWORK IDS — 81A

81

IDS MANAGEMENT

85

56

DNS SERVER

270C

MAIL SERVER

270D

DATABASE SERVER

270E

FILE SERVER

270F

90

125 — TRANSPORT DRIVER INTERFACE

TRANSPORT DRIVER — 130

135 — PROTOCOL DRIVER
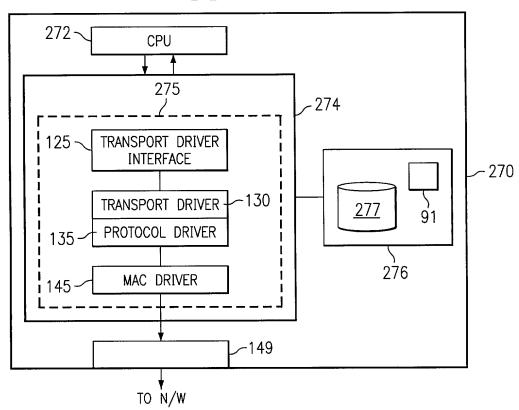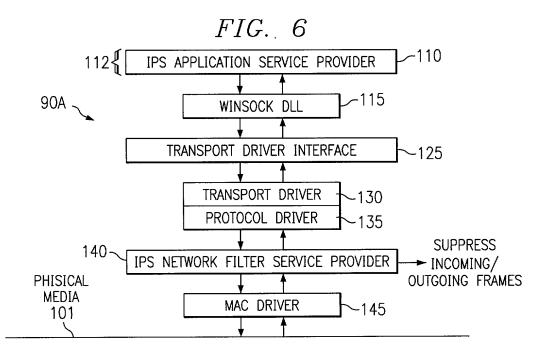
101

MAC DRIVER — 145

FIG. 3

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FIG. 4

FIG. 6

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FIG. 5